General Information Request Connect Topco Limited IB Docket No. 22-153 IBFS File No. SES-T/C-20220201-00145 November 16, 2022

- 1. Provide a current organization chart and personnel directory for the Company as a whole and for each of the Company's facilities or divisions involved in any activity relating to any relevant product or relevant service in any relevant geographic area.
- 2. Provide full and complete copies of the merger agreement and any side or letter agreements or other related agreements (and all amendments and attachments thereto) that Viasat, Inc. and/or Connect Topco Limited have entered into that relate to the Proposed Transaction.
- 3. Provide all presentations to management committees, executive committees, boards of directors, investors, investor analysts, and industry analysts concerning the Proposed Transaction.
- 4. Provide all quantitative analyses that have been undertaken by the Company or any consultant or expert hired by the Company to analyze the effects of the Proposed Transaction, including any merger simulations, econometric modeling, spreadsheet models or similar analyses. Provide all supporting documents and data used in these analyses; if such analyses incorporate cognizable efficiencies, including quality and quality-adjusted price efficiencies, specify the types and amounts of cognizable efficiencies assumed, together with the justifications, data sources and documents relied upon to estimate these efficiencies.
- 5. The Applicants claim that Viasat's and Inmarsat's satellite constellations will provide additional capacity to serve the United States and satisfy its increasing demand for connectivity. (Narrative, page 8). They note that neither company alone could reasonably expect to replicate the benefits of the Proposed Transaction through the deployment of additional satellites, and that combining the company's existing fleets will result in greater spectrum diversity and density of coverage than either company could reasonably expect to achieve on its own. They also claim that the Proposed Transaction will enable the companies to reduce substantially the satellite capacity fees they currently pay to third parties. (Supplement, page 6).
 - a. Describe each relevant geographic area and relevant product or service in which the Company faces constraints on its capacity. Explain in detail how: capacity constraints may have reduced the Company's ability to compete for customers, the Company's plans to meet demand prior to announcement of the Proposed Transaction, and how the Proposed Transaction will allow the Company to rationalize resources to better meet its capacity needs. Describe and quantify the public interest benefits stemming from improved capacity resulting from the Proposed Transaction and explain the steps and estimated time and costs that the Company anticipates taking to achieve improved capacity. Include a description of the customers whose relevant products or services needs may particularly benefit from the Proposed Transaction because of a preference or need for the more diverse and dense geographic coverage claimed as a benefit of the Proposed Transaction.
 - b. Describe satellite launches that each of the Applicants had planned prior to the announcement of the Proposed Transaction and for each planned launch:
 - Describe the geographic area and relevant product or relevant service that the launch is intended to serve and the spectrum bands the Company plans to use to provide each relevant product or relevant service.
 - ii. Explain whether and how the Proposed Transaction affects the planned launch,

- including how the Proposed Transaction impacts the quantification of benefits from increased capacity and costs.
- iii. Explain whether the planned satellite launches might be cancelled if the Proposed Transaction is approved and the impact on capacity and cost savings due to expenses that would no longer be incurred.
- c. Quantify the capacity fees that the Company currently pays to third parties on an annual basis and the reduction in capacity fees that would result if the Proposed Transaction is approved. Explain why this reduction in payments to third parties should be considered a cognizable efficiency of the Proposed Transaction.
- d. Explain why the Company would not be able to increase its satellite capacity to meet anticipated demand absent the Proposed Transaction.
- e. Provide all documents relied on in preparing responses 5.a-5.d.
- 6. The Applicants claim that the combined company will be able to incorporate Viasat's state-of-the-art technologies to enhance Inmarsat's narrowband satellite service offerings. (Narrative, page 8). Describe in detail the planned improvements to Inmarsat's narrowband satellite service offerings, the public benefits stemming from these improvements, and the steps and estimated time and costs that the Company anticipates taking to achieve these improvements. Also, explain why Inmarsat could not have adopted state-of-the-art technology to enhance its narrowband offerings absent the Transaction. Provide all documents relied on in preparing these responses.
- 7. The Applicants claim that the combined company will be able to offer innovative pairings of services to meet evolving customer demand. (Narrative, page 8). Describe the innovative pairings of services that the combined company will offer or anticipates offering to Viasat and Inmarsat customers and explain why these services would not have been possible absent the Proposed Transaction. Describe and quantify the public interest benefits stemming from these innovative pairings and state the steps and estimated time and costs that the Company anticipates taking to achieve them. Provide all documents relied on in preparing these responses.
- 8. Describe in detail and quantify any additional public interest benefits of the Proposed Transaction. For each benefit identified, state the steps that the Company anticipates taking to achieve the benefit and the estimated time and costs required to achieve it, and explain why these benefits could not be achieved absent the Proposed Transaction. Provide all documents relied on in preparing these responses.
- 9. The Applicants assert that the Proposed Transaction will not result in competitive harm in the provision of aviation services. (Supplement, page 3).
 - a. For each relevant aviation service, and each geographic area within which the Company offers these services or was planning to offer these services prior to the announcement of the Proposed Transaction, provide a discussion of these products and services, the revenues and market shares of the Company and the five (5) largest competitors for each service, and the types of customers that the Company serves or was planning to serve. Additionally, discuss the Company's short-term and long-term strategic plans, plans for potential entry or expansion, and expectations of potential for sales growth in the aviation segment prior to the announcement of the Proposed Transaction. Provide all documents relied on in preparing this response.
 - b. The Applicants assert that Inmarsat's North American broadband satellite does not have the capacity or density necessary to win commercial in-flight connectivity (IFC) business for domestic service from U.S. airlines. (Supplement, page 3). Describe all plans and efforts to win commercial IFC business in the United States prior to the announcement of the Proposed Transaction, including plans to increase capacity through satellite launches, wholesale

- arrangements, and joint ventures or partnerships, such as with Hughes Network Systems, LLC. Provide all documents relied on in preparing this response.
- c. For each year from 2018 to 2022, for each relevant geographic area, and separately, for business aviation and commercial aviation customers, provide the following information concerning IFC services:
 - i. Total annual IFC revenues;
 - ii. Total number of customers served for at least half of that year;
 - iii. Total number of domestic-focused aircraft and total number of international-focused aircraft served for at least half of that year;
 - iv. Capacity sold or contracted to IFC customers.
 - v. For commercial aviation customers only, list each response to a request for proposal (RFP), bid submitted in a procurement auction, or other Company offer to sell IFC services that the Company submitted since January 1, 2018, whether on behalf of the Company alone or a joint venture. For each RFP, provide the customer name and the date the RFP was solicited, indicate whether the Company issued the winning proposal, and if so, provide the initial contract date.
- d. Provide all plans, analyses, and reports examining current and future competitive conditions and future Company plans in each relevant aviation service, including documents that discuss short-term and long-term strategic plans, competition, competitors, markets, market shares, capacity constraints, potential for sales growth, or potential Company entry or expansion into any relevant aviation service category or geographic market.
- e. Provide all plans, analyses, and reports discussing the possible effects of the Proposed Transaction on the aviation segment.
- 10. The Applicants claim that Inmarsat offers U.S. maritime services for merchant, passenger, leisure and fishing vessels, and that Viasat only has a small presence in the maritime segment. (Supplement, page 4). Further, the Applicants claim that Viasat primarily provides services to offshore drilling rigs and production platforms, which are largely fixed sites that require high bandwidth services. By comparison, the Applicants claim that Inmarsat is not active in the provision of retail onshore energy services and, with regard to U.S. offshore energy services, has a limited presence through mobile services that it provides to offshore support vessels. (Supplement, page 4). Provide a detailed discussion of the Company's and competitors' maritime and offshore service offerings, including the revenues and market shares of the Company and the five (5) largest competitors for each service, and the types of customers that the Company serves. Additionally, discuss the Company's short-term and long-term strategic plans, plans for potential entry or expansion, and expectations of potential for sales growth in the maritime segment prior to the announcement of the Proposed Transaction. Provide all documents relied upon in preparing your response.
- 11. The Applicants claim that Viasat and Inmarsat generally do not compete directly with one another for government services opportunities. (Supplement, page 4).
 - a. For each relevant government service, and each geographic area within which the Company offers or was planning to offer these services prior to the announcement of the Proposed Transaction, provide a discussion of the products and services offered to the U.S. government, the revenues and market shares of the Company and the five (5) largest competitors for each service. Additionally, discuss the Company's short-term and long-term strategic plans, plans for potential entry or expansion, and expectations of potential for sales growth in the government segment prior to the announcement of the Proposed Transaction. Provide all documents relied on in preparing this response.

- b. Provide all plans, analyses, and reports examining current and future competitive conditions and future Company plans in the government segment, including documents that discuss short-term and long-term strategic plans, competition, competitors, markets, market shares, potential for sales growth, or potential entry or expansion into any product or service category or geographic market by the Company and its competitors.
- c. Provide all plans, analyses, and reports discussing the possible effects of the Proposed Transaction on the government segment.
- d. Provide the Company's data as specified in Attachment A (Data Request), which includes data on responses to potential customers' requests for proposals (RFPs) in the government segment, whether or not successful. In addition, provide documents discussing the Company's decision on whether to bid for any government services opportunities.
- 12. In any relevant geographic area where the Company provides a relevant product or service, provide all plans, analyses, and reports discussing:
 - a. buyer substitution responses to price or product changes, including all analyses of buyer substitution or elasticities of demand, and any estimates of how many customers switch to other suppliers in response to changes in price or service specifications;
 - b. typical contract duration and extension length for customers of the Company or its competitors in any relevant product or relevant service, and the costs of customer acquisition.
 - c. profit margins, customer lifetime value (CLV) or any other concept related to the present discounted value (e.g., active customer value, lifetime customer value, average customer value) to the Company of acquiring a new customer for any relevant product or service.
 - d. pricing, including analyses of pricing and responses to requests for proposals or contract bidding.

Definitions

<u>In this General Information and Document Request, the following terms shall have the following meanings (such meanings to be equally applicable to both the singular and plural forms of the terms defined):</u>

- 1. The terms "Company" or "Connect Topco" means Connect Topco Limited, its domestic and foreign parents, predecessors, divisions, subsidiaries, affiliates, partnerships, and joint ventures, and all directors, officers, employees, agents, and representatives of the foregoing. The terms "parent," "subsidiary," "affiliate," and "joint venture" refer to any person in which there is partial (10 percent or more) or total ownership or control between the company and any other person.
- 2. The term "Inmarsat," comprising wholly owned subsidiaries of Connect Topco, means jointly, Inmarsat Group Holdings Limited and its indirect subsidiaries, Inmarsat Group Holdings, Inc., Inmarsat Inc., Inmarsat Solutions (US) Inc., and ISAT US Inc., their predecessors, divisions, subsidiaries, affiliates, partnerships, and joint ventures, and all directors, officers, employees, agents, and representatives of the foregoing. The terms "subsidiary," "affiliate," and "joint venture" refer to any person in which there is partial (10 percent or more) or total ownership or control between the company and any other person.
- 3. The term "Viasat" means Viasat, Inc., its domestic and foreign parents, predecessors, divisions, subsidiaries, affiliates, partnerships, and joint ventures, and all directors, officers, employees, agents, and representatives of the foregoing. The terms "parent," "subsidiary," "affiliate," and "joint venture" refer to any person in which there is partial (10 percent or more) or total ownership or control between the Company and any other person.
- 4. The terms "and" and "or" have both conjunctive and disjunctive meanings.
- 5. The word "any" shall be construed to include the word "all," and the word "all" shall be construed to include the word "any." The word "each" shall be construed to include the word "every," and the word "every" shall be construed to include the word "each." All words used in the singular should be construed to include the plural, and all words used in the plural should be construed to include the singular.
- 6. The term "Applicants" means Viasat and Connect Topco, collectively.
- 7. The term "Application" means the Application for Consent to Transfer Control of FCC Forms 312 related to various earth station authorizations and International Section 214 Authorizations and a Petition for Declaratory Ruling under Section 310(b)(4) submitted to the Commission by Viasat and Connect Topco on Jan. 31, 2022. The International Bureau lead file number for this application is IBFS File No. SES-T/C-20220201-00145.
- 8. The term "aviation segment" means data or voice communications services provided to air transportation service providers who serve either business and other travelers with high-bandwidth needs (i.e., "business aviation") or commercial aviation passengers (i.e., "commercial aviation"). Communications services may include, but are not limited to, flight tracking, in-flight connectivity, and safety of flight services as defined below. The aviation segment excludes data or voice communications services provided to air transportation service providers who serve government segment customers.
- 9. The term "communications services" means the provision of voice or data communications. The term "voice communications" refers to interconnected voice communications services provided using radio transmission between stations on a wireless basis to customers. The term "data communications" refers to radio transmission between stations and a network providing transmission of packet data information, including but not limited to, broadband data, video, remote file access, status reporting, facsimile, and Internet/Intranet access.

- 10. The term "competitor" includes any partnership, corporation (including a business trust), joint stock company, trust, unincorporated association, joint venture, limited liability company, or other entity providing any actual or potential competition in any relevant geographic area for any relevant product or relevant service.
- 11. The term "discussing" when used to refer to documents means analyzing, constituting, summarizing, reporting on, considering, recommending, setting forth, or describing a subject. Documents that contain reports, studies, forecasts, analyses, plans, proposals, evaluations, recommendations, directives, procedures, policies, or guidelines regarding a subject should be treated as documents that discuss the subject. However, documents that merely mention or refer to a subject without further elaboration should not be treated as documents that discuss that subject.
- The term "documents" means all computer files and written, recorded, and graphic materials of 12. every kind in the possession, custody, or control of the Company. The term "documents" includes without limitation drafts of documents, copies of documents that are not identical duplicates of the originals, and copies of documents the originals of which are not in the possession, custody, or control of the Company. The term "documents" includes, without limitation, materials of every kind in the possession, custody, or control of the Company whether created internally or externally. In addition, the term "documents" includes without limitation any amendments, side letters, appendices, or attachments. The term "computer files" includes without limitation information stored in, or accessible through, computer or other information retrieval systems. Thus, the Company should produce documents that exist in machine-readable form, including documents stored in personal computers, portable computers, mobile devices, workstations, minicomputers, mainframes, servers, backup disks and tapes, and archive disks and tapes, and other forms of offline storage, whether on or off the Company's premises. Electronic mail messages should also be provided, even if only available on backup or archive tapes or disks. Computer files shall be printed and produced in hard copy or produced in machinereadable form (as determined by Commission staff prior to submission), together with instruction and all other materials necessary to use or interpret the data. Unless otherwise specified, the term "documents" excludes bills of lading, invoices, purchase orders, customs declarations, and other similar documents of a purely transactional nature, excluding architectural plans and engineering blueprints. Where more than one identical copy of a requested document exists, the Company shall only submit one representative copy.
- 13. The term "domestic-focused aircraft" means aircraft that are generally employed in flights originating and terminating in the United States, including U.S. territories and maritime boundaries. In the commercial aviation sub-segment, examples of domestic-focused aircraft may include single-aisle jets and regional/turboprop jets. In the business aviation sub-segment, examples of domestic-focused aircraft may include medium, light, or very-light jets incapable of long-haul flights.
- 14. The term "flight tracking" in reference to the aviation segment means data or voice communications services provided to air transportation service providers for in-flight aircraft positioning and traffic management applications.
- 15. The term "government segment" means data or voice communications services provided to governments for military, public safety, and other applications. The government segment is described in further detail in Attachment A.
- 16. The term "identify," when used with reference to a document, means to state the date, author, addressee, type of document (e.g., the types of documents, as described above), a brief description of the subject matter, its present or last known location, and its custodian, who must also be identified.

- 17. The term "in-flight connectivity" in reference to the aviation segment means data or voice communications services provided to air transportation service providers who offer Wi-Fi connectivity to commercial passengers mid-flight.
- 18. The term "including" shall be construed as including, but not limited to, and indicates examples for the Applicants to address. The term should not be construed as to limit the response to only those examples listed.
- 19. The term "international-focused aircraft" means aircraft that are generally employed in international flights originating or terminating in the United States, including U.S. territories. Within the commercial aviation sub-segment, an example of an international-focused aircraft is a twin-aisle jet focused on long-haul flights. In the business aviation sub-segment, examples of international-focused aircraft may include Bizliners or large jets capable of long-haul flights.
- 20. The term "maritime segment" means data or voice communications services provided to maritime customers. The maritime segment excludes maritime services provided to government segment customers.
- 21. The term "narrowband" in reference to Inmarsat's satellite service offerings refers to data and voice communications services provided using Inmarsat's approved operating frequencies in the 1525-1559 MHz (space-to-Earth) and 1626.5-1660.5 MHz (Earth-to-space) bands.
- 22. The term "Person" includes the Company, and means any individual, partnership, corporation (including a business trust), joint stock company, trust, unincorporated association, joint venture, limited liability company or other entity, or a government or any political subdivision or agency thereof.
- 23. The term "plans" means tentative and preliminary proposals, recommendations, or considerations, whether or not finalized or authorized, as well as those that have been adopted.
- 24. The term "plans, analyses, and reports" means business plans, strategic plans, written policies, budgets, analyses, reports, presentations (including quantitative presentations), and similar documents, including all appendixes and attachments thereto, prepared for, presented to, reviewed by, discussed by, or considered by the Company's board of directors or the Company's executive management, or any member thereof. The term "plans, analyses, and reports" includes without limitation copies of plans, analyses, and reports that are not identical duplicates of the originals, and copies of plans, analyses, and reports, the originals of which are not in the possession, custody, or control of the Company, but does not include drafts of plans, analyses, and reports, but only the final version or the latest draft if the final version does not exist or is not in the possession, custody, or control of the Company.
- 25. The term "procurement auction" is a type of auction in which sellers bid for the prices at which they are willing to sell their goods or services.
- 26. The term "Proposed Transaction" means the proposed transfer of control of Connect Topco, which holds various earth station authorizations and International Section 214 Authorizations, to Viasat, Inc., as detailed in the Application.
- 27. The term "relevant geographic area" means, and information must be provided separately for, (a) the United States, including U.S. territories and maritime boundaries; (b) other geographic regions outside the United States, in aggregate, in which the Company's products or services could have an impact on U.S. consumers or U.S. commerce; (c) all geographic areas in aggregate. For the aviation and maritime segments, provide information separately for each segment for: (a) flights or voyages originating and terminating in the United States, including U.S. territories and maritime boundaries; (b) international flights or voyages originating, terminating, or stopping over in the United States, including U.S. territories; (c) all flights or voyages served by the

Company. Within the government segment, services sold to the U.S. government may be reported in aggregate without regard to the geographic location where those services are being used.

- 28. The term "relevant product" means any physical goods or equipment sold to customers to support any relevant service that the Company offers to its customers. Examples of relevant products include, but are not limited to hotspots, ground and mobile antennas, and satellite terminals.
- 29. The term "relevant service" means data or voice communications that the Company supplies to the:
 - 1) Aviation segment;
 - 2) Maritime segment; and
 - 3) Government segment.

Data or documents should be provided separately for each segment and, when available, for subcategories of relevant services as specified in this document.

- 30. The term "request for proposal" means a document that solicits bids for a project or service.
- 31. The term "safety of flight" in reference to the aviation segment means data or voice communications services provided to air transportation service providers for passenger safety applications.
- 32. The term "subsidiary" as to any Person means any corporation, partnership, joint venture, limited liability company, or other entity of which shares of stock or other ownership interests having ordinary voting power to elect a majority of the board of directors or other managers of such corporation, partnership, joint venture, limited liability company, or other entity are at the time owned, or the management of which is otherwise controlled, directly or indirectly, through one or more intermediaries, or both, by such Person.
- 33. "United States" or "U.S." means the United States, its possessions, territories, and outlying areas.
- 34. The term "wholesale" refers to the purchase of excess capacity from competitors and other providers of data or voice communications services.

Instructions

- 1. Unless otherwise specified, all requests cover the period from January 1, 2020, through the date of the Request. Where information is required, provide it separately for each year unless otherwise directed in this request. Where yearly data are not yet available, provide data for the calendar year to date.
- 2. The specific requests made herein are continuing in nature. The Company is required to produce in the future any and all documents and information that are responsive to the requests made herein but not initially produced at the time, date, and place specified herein. In this regard, the Company must supplement its responses (a) if the Company learns that, in some material respect, the documents and information initially disclosed were incomplete or incorrect or (b) if additional responsive documents or information are acquired by or become known to the Company after the initial production. The requirement to update the record will continue until the Commission's decision regarding the Transaction is no longer subject to reconsideration by the Commission or to review by any court.
- 3. Submit responses to this Information Request in both paper and electronic form, unless an electronic form is specified (e.g., electronic spreadsheet). Submit responsive documents (including materials containing Highly Confidential or Confidential Information) in electronic form only, unless otherwise specified, as set forth in the Instructions for Submission of Electronic Documents. The Commission does not require the submission of paper copies of these documents at this time, but reserves the right to require their submission at a later time.
- 4. Where a narrative response is required, identify each document relied upon by the Company in their narrative response.
- 5. Documents must be uniquely and sequentially numbered across the entire production.

 Documents submitted in response to this Information Request that were or will be submitted both to the Commission and to the U.S. Department of Justice must have the same document control number and the same metadata.
- 6. Contact Commission staff to discuss an acceptable format for the submission of all documents and data.
- 7. Each requested document shall be submitted in its entirety, even if only a portion of that document is responsive to a request made herein. This means that the document shall not be edited, cut, or expunged, and shall include all appendices, tables, or other attachments, and all other documents referred to in the document or attachments. All written materials necessary to understand any document responsive to these requests shall also be submitted. Provide final versions of each document; however, if a final version does not exist, provide one copy of the latest draft of the document.
- 8. Those documents written in a language other than English must be translated into English; automated or machine translations are permitted; however, the Commission retains the right to require a non-machine translation. Submit the foreign language document, with the English translation attached thereto.
- 9. The Company shall provide a separate response for interrogatory, data, and documents (i.e., do not submit the Company's interrogatory and data responses on the same discs).
- 10. Data provided in response to this Information Request should include a list of all parameters/assumptions on which the data are based.

- 11. Unless otherwise agreed to by the Commission, requests for the production of documents (and any particular type of document) require the production of all responsive documents in the possession, custody, or control of the Company.
- 12. For each statement submitted in response to the Information Request, indicate, by number and subsection, the specific request to which it is responsive.
- 13. For each document submitted in response to the Information Request, identify the Person(s) from whose files the document was retrieved (i.e., the custodian). If any document is not dated, if known, state the date on which it was prepared. If any document does not identify its author(s) or recipient(s), provide, if known, the name(s) of the author(s) or recipient(s) as metadata in accordance with the Instructions for Submission of Electronic Documents. The Company must identify with reasonable specificity all documents provided in response to these Requests. Where more than one identical copy of a requested document exists, the Company may submit only one representative copy, but in all cases all metadata, including without limitation all custodians who possessed identical documents withheld, must be provided in accordance with the provisions of the Instructions for Submission of Electronic Documents.
- 14. For each question in this Information Request, provide a list of the custodians, based on discussions with Commission staff, who are most likely to have relevant documents, and whose files are to be searched for responsive documents.
- 15. If search terms were used to conduct all or any part of a search conducted in response to this Information Request, provide a list of search terms used, along with a glossary of industry and company terminology, including project code words. In addition, describe the search methodologies and the applications used to execute the search.
- 16. Any documents that are withheld in whole or in part from production based on a claim of privilege shall be assigned document control numbers (with unique consecutive numbers for each page of each document). For any page of any document that the Company has designated to be withheld as entirely privileged, the Company shall submit a substitute, placeholder page that lists only the Document ID of the page that was withheld in its entirety as privileged and a statement indicating that the page has been withheld in its entirety as privileged. For any document withheld as entirely privileged, it is sufficient to supply one substitute, placeholder page for that document, so long as the range of Document IDs for the entire document is listed on the placeholder page and each Document ID for each page of the document is reflected in metadata. The placeholder pages must be imaged as any other paper record, as described above. For each document withheld as privileged, whether in its entirety or in part, the Company shall code the substitute document submitted as specified in and provide as metadata the information in the attached Metadata Table of Requested Fields.
- 17. For each Document identified on the Company privilege log:
 - 1) Provide the document control number(s);
 - 2) Identify all authors of the document;
 - 3) Identify all addressees of the document;
 - 4) Identify all recipients of the document or of any copies of the document, to the extent not included among the document's addressees;
 - 5) Provide the date of the document;
 - 6) Provide a description of the subject matter of the document;
 - 7) State the nature or type of the privilege that the Company is asserting for the document (e.g., "attorney-client privilege");
 - 8) Provide the number(s) of the Request to which the document is responsive;
 - 9) Provide the document control number(s) of any attachments to the document, regardless of whether any privilege is being asserted for such attachment(s); and

- 10) State whether the document has been produced in redacted form, and include the range of Document ID labels for those produced documents.
- 18. The Company's privilege log shall also conform with all of the following requirements:
 - 1) Provide a separate legend identifying each author, addressee, and recipient identified on the Company's privilege log.
 - 2) Identify on the privilege log, and denote with an asterisk, all attorneys acting in a legal capacity with respect to the withheld document or communication.
 - 3) The description of the subject matter of each document shall describe the nature of the document in a manner that, though not revealing information that is itself privileged, provides sufficiently detailed information to enable the Commission to assess the applicability of the privilege claimed.
 - 4) For each document withheld under a claim that it constitutes or contains attorney work product, also state whether the Company asserts that the document was prepared in anticipation of litigation or for trial and, if so, specify the anticipated litigation or trial upon which the assertion is based.
 - 5) Produce all nonprivileged portions of any responsive document (including nonprivileged or redactable attachments) for which a claim of privilege is asserted, except where the only nonprivileged information in the document has already been produced. Note where any redactions in the document have been made.
 - 6) The privilege log shall be produced in both hardcopy and electronic form, the electronic form of which shall be both searchable and sortable.
 - 7) Documents sent solely between counsel, including in-house counsel acting solely in a legal capacity, and documents authored by the Company's outside counsel that were not directly or indirectly furnished to any third party, such as internal law firm memoranda, may be omitted from the privilege log. However, any attachments to such documents must be included on the privilege log (if a privilege is applicable to such materials), unless such attachments are addressed and sent solely to counsel.

Instructions for Electronic Production of Documents and Electronically Stored Information

Introduction

This document contains the standard specifications and procedures for submitting to the Federal Communications Commission electronic versions of documents in response to an Information Request.

- In many cases, it is useful for the party producing the documents, its vendor, and the FCC staff to review the technical details of the production prior to submitting the response.
- Take care to ensure that all responsive data and metadata are preserved in the collection process.
- Submit two copies of the response: file one copy in the docket with the Secretary's Office and provide one copy to FCC staff or the FCC's contractor, as directed, for loading and review.

I. CATEGORIES OF DOCUMENTS

There are seven major categories of relevant documents: (1) email and other electronic messages (e.g., instant messaging, text messages); (2) other electronic documents; (3) hard copy documents; (4) shared resources; (5) databases; (6) audio and video data; and (7) foreign-language materials. Typically, responsive documents will come from the first four categories, although databases will be used to respond to Data Requests. The general requirements for each category of document are outlined below. The attached Metadata Table of Requested Fields provides information regarding document-specific metadata and bibliographic information (identifying information).

A. Email, Attachments, and Other Electronic Messages

Email and other electronic messages (e.g., instant messages (IMs), text messages) should be produced as image files with related searchable text, metadata, and bibliographic information. Depending on how the Company's systems represent names in email messages, IMs, or text messages, we may require a table of names or contact lists from custodians.

Each IM or text conversation should be produced as one document.

Email repositories, also known as email databases (e.g., Outlook .PST, Lotus .NSF), can contain a variety of items, including messages, calendars, contacts, tasks, etc. For purposes of production, responsive items should include the "Email", "Other ESI", or "Calendar Items" metadata/database fields outlined in the Metadata Table, including but not limited to all parent items (mail, calendar, contacts, tasks, notes, etc.) and child files (attachments of files to email or other items), with the parent/child relationship preserved. Similar items found and collected outside an email repository (e.g., .MSG, .EML, .HTM, .MHT) should be produced in the same manner.

Graphic objects embedded in emails such as logos, letterheads, or backgrounds should remain as part of the email and not be extracted as separate attached documents.

Pay special attention to the PARENTID, ATTACHMENTIDS, and FAMILYRANGE fields, which are used to track email families. While the example below relates to email families, all attachment relationships for all responsive documents are to be produced in this format.

EXAMPLE: Consider ABC-JD-00000001, a 10-page parent email, with records ABC-JD-00000011 to ABC-JD-00000015, ABC-JD-00000016 to ABC-JD-00000020, and ABC-JD-00000021 to ABC-JD-00000025 as its attachments. Fields should be populated exactly as follows using the semicolon as the multi-entry delimiter for ATTACHMENTIDS:

BEGDOC#	ENDDOC#	PARENTID	ATTACHMENTIDS	FAMILYRANGE
ABC-JD-	ABC-JD-		ABC-JD-00000011;ABC-JD-	ABC-JD-00000001 -
00000001	00000010		00000016;ABC-JD-	ABC-JD-00000025
			00000021	
ABC-JD-	ABC-JD-	ABC-JD-		ABC-JD-00000001 -
00000011	00000015	00000001		ABC-JD-00000025
ABC-JD-	ABC-JD-	ABC-JD-		ABC-JD-00000001 -
00000016	00000020	00000001		ABC-JD-00000025
ABC-JD-	ABC-JD-	ABC-JD-		ABC-JD-00000001 -
00000021	00000025	00000001		ABC-JD-00000025

B. Electronic Documents

Electronic documents include word processing documents, spreadsheets, presentations, and all other electronic documents not specifically discussed elsewhere. Production of these items should include image files with related searchable text, metadata, and bibliographic information. All passwords and encryption must be removed from electronic documents prior to production. Note that the following apply to both attachments of files to email or other items and loose native files:

- Spreadsheets: Spreadsheets should be produced in native format (e.g., as .XLSX files), with searchable text for the entire document, metadata, and bibliographic information. Provide only a single image of the first page of the spreadsheet or provide a single placeholder image. The placeholder image must contain at a minimum the BEGDOC#, FILENAME, and FILEPATH. The Identification range for a spreadsheet should be a single number (e.g., ABC-JD-00000001 ABC- JD-00000001). The linked native file name should match the BEGDOC#/DOCID with the appropriate file extension.
- 2. *Presentations*: Presentations should be produced in full slide image format along with speaker notes (which should follow the full images of the slides) with related searchable text, metadata, bibliographic information, and linked native file. Presentations should also be produced in native format (e.g., as .PPT files). The linked native file name should match the BEGDOC#/DOCID with the appropriate file extension.
- 3. *Hidden Text:* All hidden text (e.g., track changes, hidden columns, hidden slides, mark-ups, notes) shall be expanded and rendered in the extracted text file. For files that cannot be expanded, linked native files shall be produced with the image files.
- 4. *Embedded Files:* All embedded objects (e.g., graphical files, Word documents, Excel spreadsheets, .wav files) that are found within a file shall be produced so as to maintain the integrity of the source document as a single document. For purposes of production, the embedded files shall remain embedded as part of the original source document. Hyperlinked files must be produced as separate, attached documents upon request. Any objects that cannot be rendered to images and extracted text (e.g., .wav, .avi files) must be produced as separate extracted files with linked native files and placeholder images and be treated as attachments to the original file.
- 5. *Image-Only Files:* All image-only files (non-searchable PDFs, multi-page TIFFs, Snipping Tool screenshots, etc., as well as all other images that contain text) shall be produced with associated OCR text, metadata, and bibliographic information.
- 6. *Proprietary File Types and Non-PC or Non-Windows Based Systems:* Proprietary file types, such as those generated by financial or graphic design software, should be discussed with

Commission staff in advance of production to determine the optimal format of production. Also, file types from non-PC or non-Windows based systems (e.g., Apple, UNIX, LINUX systems), should be discussed with Commission staff in advance of production to determine the optimal format of production.

- 7. Archive File Types: Archive file types (e.g., .zip, .rar) must be uncompressed for processing. Each file contained within an archive file should be produced as a child to the parent archive file. If the archive file is itself an attachment, that parent/child relationship must also be preserved.
- 8. *Processing Errors:* The text of the placeholder image should also be contained in the searchable text of the document in the event of uncorrectable processing errors.

C. <u>Hard-Copy</u> (or Paper) Documents

Hard-copy documents are to be produced as black-and-white image files, except where noted below, with related searchable OCR text and bibliographic information. Special attention should be paid to ensure that hard-copy documents are produced as they are kept, reflecting attachment relationships between documents and information about the file folders within which each document is found. In addition, multi-page documents must be produced as single documents (i.e., properly unitized) and not as several single-page documents. Where color is required to interpret the document, such as hard copy photos, and certain charts, that image must be produced in color. These color images are to be produced as .jpg format. Hard-copy photographs should be produced as color .jpg format files, if originally in color, or black-and-white .tif files if originally in black-and-white.

D. Shared Resources

Shared Resources should be produced as separate custodians if responsive custodians have access to them or if they contain responsive documents. The name of the group having access would be used as the custodian name, i.e., Marketing Execs or Accounting Dept. The Company will separately provide a brief description of each shared resource that includes a list of the custodians who have access.

E. Database Productions

Production of enterprise databases are not addressed in these specifications and must be discussed with the appropriate government legal and technical staff to determine the optimal production format; these will usually fall outside the scope of an image-based production. Care must be taken to ensure that all responsive databases and their metadata are preserved.

F. Audio/Video Data

These specifications do not address the production of audio/video data. Care must be taken to ensure that all responsive audio/video data and their metadata are preserved. These data types may be stored in audio or video recordings, voicemail text messaging, and related/similar technologies. However, such data, logs, metadata, or other files related thereto, as well as other less common but similar data types, should only be produced after consultation with and consent of Commission staff as to the format for the production of such data.

G. Foreign-Language Materials

Foreign language materials should be produced after consultation with Commission staff.

II. DE-DUPLICATION

Before doing any de-duplication, provide Commission staff with a written description of the method used to de-duplicate (including which elements are compared and what hash codes are used), and what is considered a duplicate. Then confirm that your approach is acceptable to the Commission. The Commission does not allow de-duplication of hard-copy documents, or that of "loose" electronic documents (e.g., presentation slides located on the custodian's C: drive) against email attachment versions of those same documents. The integrity of any produced email and any related "document family" must be maintained except as limited by any claim of privilege. Email attachments may not be deduplicated against attachments in other email families. De-duplication should occur both vertically within each custodian and horizontally across custodians. Vertical de-duplication is crucial when a production includes electronic documents from back-up tapes. Horizontal de-duplication must be done in a way that preserves (and produces) information on blind copy (Bcc) recipients of emails and other custodians whose files contain the duplicates that will be eliminated from the production as well as original filepath and mailbox folder information.

Custodian Append File. A Custodian Append file is to be produced when de-duplicating ACROSS custodians (i.e., horizontal de-duplication) and data is produced on a rolling basis. The file must be provided on an incremental basis starting with the second submission; as more custodians are discovered for previously produced documents, this file is updated with only the new custodian information. The Custodian Append File is a four-field delimited file consisting of the DOCIDs of the previously delivered document, the new custodian names, the Filepath(s) prepended with Custodian Name (multi-entry), and the FolderLabel(s) prepended with Custodian name (multi-entry) for the duplicates of those records that would otherwise have been produced in the subsequent (new) submissions.

These specifications do not allow for near de-duplication or email threading. These forms of deduplication must be discussed separately with Commission staff and consent obtained prior to the use of such techniques for production.

III. DOCUMENT NUMBERING

Documents must be uniquely and sequentially numbered across the entire production, with an endorsement burned into each image. Each number shall be of a consistent length, include leading zeros in the number, and unique for each produced page. Numbers should contain no more than three segments connected by a hyphen. The leading segment must be the Company identifier, a middle segment identifying the custodian, and a sequential page counter with connecting hyphens (e.g., ABCCO-CEO-00000001). The number of digits in the numeric portion of the format should not change in subsequent productions, nor should spaces, hyphens, or other separators be added or deleted. Under no circumstances should Identification numbers contain embedded spaces, slashes (/), backslashes (\), carats (\^), underscores (_), ampersands (&), hash marks (#), plus signs (+), percent signs (\(\)), dollar signs (\(\)), exclamation marks (!), pipes (|), any character used as a delimiter in the metadata load files, or any character not allowed in Windows file-naming convention (,\) / : *? " <> | \sim @ \(^).

IV. PRIVILEGE DESIGNATIONS

Documents redacted pursuant to any claim of privilege will be designated "Redacted" in the EPROPERTIES field as described in the Metadata Table. Appropriately redacted searchable text (OCR of the redacted images is acceptable), metadata, and bibliographic information must also be provided.

All documents that are part of a document family that includes a document withheld pursuant to any claim of privilege will be designated "Family Member of Privileged Doc" in the EPROPERTIES field as described in the Metadata Fields table for all other documents in its family. Placeholder images

with BEGDOC#, FILENAME, FILEPATH and reason withheld (e.g., "Privileged") should be provided in place of the document images of the privileged document.

V. SAMPLE

Before beginning production, a sample production covering files of all types, including emails with attachments, loose files including spreadsheets and presentations, redacted documents, etc., should be provided, as directed by Commission staff. The sample size should be between 500 to 1000 records to be large enough to be representative and small enough to review quickly. The Commission will take a few business days to evaluate the sample and provide feedback. If there are any problems, corrected samples will need to be resubmitted until the Commission can confirm the problems are resolved.

VI. LOAD FILE SET/VOLUME CONFIGURATION

Each production must have a unique MEDIAID name associated with it. This MEDIAID name must also appear on the physical label. The MEDIAID naming scheme should start with a 2 or 3 letter prefix identifying the Company followed by a 3-digit counter (*e.g.*, ABC001). Each separate volume delivered on that media must also have a separate VOLUMENAME associated with it. On the root of the media, the top-level folder(s) must be named for the volume(s). VOLUMENAME(s) should also be indicated on the physical label of the media. The volume naming scheme should be based on the MEDIAID name followed by a hyphen, followed by a 3-digit counter (*e.g.*, ABC001-001). Load file volumes should be as large as practical but not contain more than 100,000 records each. The VOLUMENAME should increase sequentially across all productions on the same MEDIAID.

Under the VOLUMENAME folder, the production should be organized in 4 subfolders:

- 1. <u>DOCLINK</u> (contains linked native files, may contain subfolders, with no more than 5,000 files per folder)
- 2. IMAGES (may contain subfolders, with no more than 5,000 image files per folder)
- 3. <u>FULLTEXT</u> (may contain subfolders, with no more than 5,000 document-level text files per folder)
- 4. <u>LOADFILES</u> (should contain the metadata, DII, OPT, LST, and custodian append files)

VII. DELIVERABLES

A submission index spreadsheet must be delivered with each submission and should provide statistical information about the volume(s) and media produced. Provide this in hard copy format and electronically on the deliverable media. A sample is included in this PDF.

It is expected that all productions will conform to the structure of the final, approved sample production. Any changes to production procedures that alter output format will require prior submission of another sample production as outlined in Section 5. Sample.

The Commission accepts electronic productions loaded onto hard drives, CD-ROMs, or DVD-ROMs; however, production on hard drives minimizes costs and delay and is preferable. Where the size of the production exceeds the capacity of a single DVD-ROM, hard drives should be used as the delivery medium. For each piece of media, a unique identifier (MEDIAID) must be provided and must be physically visible *on the exterior* of the physical item.

If the media is encrypted, supply the tool for decryption on or with the same media, as well as instructions for decryption. Provide the password separately.

All documents produced in electronic format shall be scanned for, and free of, viruses. The Commission will return any infected media for replacement, which may affect the timing of the Company's compliance with this Information Request.

The Commission does not accept load file productions via email or those that are posted on download sites (e.g., FTP, secure server).

The Commission recognizes that occasionally unforeseen issues will arise that require replacing documents or data from a previously delivered production with new documents or corrected data. Substantive corrections may require the reproduction of the entire production volume. The production format for all corrections must be agreed upon prior to any submission of corrections. Any productions that have been created but not delivered when the need for corrections is detected must be corrected prior to delivery. Each replacement or corrected production must be named based on the production volume that is being replaced or corrected. For example, if a corrected metadata file replaces data in the previously delivered volume ABC-001-001 then the file name ABC-001-001-fix.txt should be used. Replacement document image file names, likewise, must be labeled with the same Identification number as the image being replaced. A separate correcting file is required for each volume to be corrected. These replacement or corrected productions must be delivered on separate media from any new productions. In the event that corrections alter the statistical information previously reported in the cover letter spreadsheet, an updated submission index spreadsheet with the corrected final statistical information must accompany each replacement or corrected submission. Provide this in hard copy format and electronically on the deliverable media.

METADATA TABLE OF REQUESTED FIELDS

Review carefully as fields may have been added or modified from the Commission's last set of specifications.

			Hard-		Other	Calendar
Field Name	Field Description	Field Type	Copy	Email	ESI	Items
COMPANIES	Company submitting data	Multi-Entry	X	X	X	X
MEDIAID	The unique identifier on the physical piece of media (e.g., ABC001)	Note Text	X	X	X	X
VOLUMENAME	Production volume number (e.g., ABC001-001)	Note Text	X	X	X	X
CUSTODIAN	Custodian(s) / source(s) format: <i>Last, First</i> or <i>ABC Dept.</i> Be consistent across all ESI sources/productions.	Multi-Entry	X	X	X	X
TIMEZONE	The TimeZone in which the custodian is located.	Note Text		X	X	X
SPEC#	Subpoena/request paragraph number to which the document is responsive	Multi-Entry	X	X	X	X
HASHMD5	Document MD5 hash value (used for deduplication or other processing)	Note Text		X	X	X
HASHSHA	Document SHA1 hash value (used for deduplication or other processing)	Note Text		X	X	X
SEARCHVALUES	List of search terms used to identify record as responsive (if used)	Multi-Entry	X	X	X	X
BEGDOC#	Start Identification number (including prefix) No spaces or special characters	Note Text	X	X	X	X
ENDDOC#	End Identification number (including prefix) No spaces or special characters	Note Text	X	X	X	X
DOCID	Must equal the value appearing in the BEGDOC# field and be UNIQUE	Note Text	X	X	X	X
NUMPAGES	Page count	Integer	X	X	X	X
PARENTID	Parent record's BEGDOC#, including prefix (populated ONLY in child records)	Note Text	X	X	X	X
ATTACHMENTIDS	Child document list: BEGDOC# of each child (populated ONLY in parent records)	Multi-Entry	X	X	X	X
FAMILYRANGE	Range of the BEGDOC# value of the parent record to the ENDDOC# value (including prefix) of the last child record (for example, ABC-JD-00001201 - ABC-JD-00001220); populated for all documents in the group. Empty if the record is NOT in family grouping	Note Text	X	X	X	X
EPROPERTIES	Indicate all that apply: Record Type: E-Doc, E-Doc Attachment, Email, Email Attachment, Hard Copy, Calendar Appt Other Notations: Translation of [DOCID of original], Translated as [DOCID of Translation] Privilege Notations: Redacted, Privileged, Family Member of Priv Doc	Multi-Entry	X	X	X	X
FOLDERLABEL	Email folder path (sample: Smith, James-Inbox\Active); or Hard Copy folder/binder title/label prepended with Custodian Name.	Multi-Entry	X	X		X
FROM	Author of the Email or Calendar item (as formatted on the original)	Note Text		X		X
TO	Recipients of the Email or Calendar Item (as formatted on the original)	Multi-Entry		X		X
СС	Names of the individuals who were copied on the Email or Calendar Item (as formatted on the original)	Multi-Entry		X		X
	Names of the individuals who were blind-copied on the Email or Calendar Item					
BCC	(as formatted on the original)	Multi-Entry		X		X
SUBJECT	Email or calendar subject	Note Text		X		X
DATE_HC	Date of hard copy documents, if coded. Format: YYYYMMDD.	Date	X			
	This is a multipurpose date field. Populate with: DATESAVED for E-Docs; DATESENT for Emails; DATEAPPTSTART for calendar appointments;		-	-	**	**
DOCDATE	DATE_HC for hard copy documents, if available. Format: YYYYMMDD.	Date	X	X	X	X
DATECREATED	Date electronic file was created. Format: YYYYMMDD.	Date			X	**
DATESENT	Date the Email or Calendar Item was sent. Format: YYYYMMDD.	Date		X		X
TIMECENT	Time Email or Calendar Item was sent Format: HH:MM:SS (use 24 hour times,	TP:		**		v
TIMESENT	e.g., 13:32 for 1:32 pm; timezone indicators cannot be included)	Time		X		X
DATERECEIVED	Date Email or Calendar Item was received. Format: YYYYMMDD. Time Email or Calendar Item was received. Format: HH:MM:SS (use 24 hour times,	Date		Λ		X
TIMERECEIVED	e.g., 13:32 for 1:32 pm; timezone indicators cannot be included)	Time		X		X
HEADER	The internet header information for Email sent through the internet;	Note Text		X		
ILL IDEN	Globally unique identifier for a message which typically includes messageid and a domain name. Example:	TIOIC TEAL		A		
INTERNETMSGID	domain name. Example: <0E6648D558F338179524D555@m1p.innovy.net	Note Text		X		X

	Unique system identification number for the e-mail message assigned by the proprietary email database/mailstore/post office file associated with centrally managed enterprise email servers. EntryID for Microsoft Outlook, the UniqueID (UNID) for Lotus Notes, or equivalent value for other proprietary mailstore formats.			
MESSAGEID		Note Text	X	X
INREPLYTOID	Internet message ID of the Email replied to	Note Text	X	
CONVERSATIONINDEX	Email Thread Identification	Note Text	X	X
IMPORTANCE	Email flag indicating priority level set for message	Note Text	X	X
DELIVRECEIPT	Delivery receipt request notification for Email messages	Note Text	X	X

An "X" indicates that the field should be populated in the load file produced. "Other ESI" includes non-email files, such as, but not limited to MS Office files, WordPerfect files, etc.

Matter: ABC's Acquisition of XYZ	Submission Index Spreadsho	eet for ABC	C Company	Production								
Custodian												
Doc Jane R		Physical Media		Begin I.D. Number	End I.D. Number	Intentionally Left Blank				Extracted/OCRed		Date Produced
Doc Jane R												
TOTALS FOR THIS VOLUME	Doe, John K.											
Daniels Iames	Doe, Jane B	ABC001	ABC001-001	ABC-JBD-00000001	ABC-JBD-00003711							
Wise Barry	TOTALS FOR THIS VOLUME						623	9,536	65	621	0.50	mm/dd/yyyy
TOTALS FOR THIS VOLUME ABC002 ABC002-001 ABC-00000001 ABC-00006952 1.315 6.952 6.8 1.310 1.02 mm/dd/yyyy	Daniels James	ABC001	ABC001-002	ABC-IAD-00000001	ABC-JAD-00005727		1,150	5,727	156	1,149		
Rrown_Charlene_I	Wise, Barry	ABC001	ABC001-002	ABC-BLW-00000001	ABC-BLW-00003010		600	3,010	20	598		
Mahan Freda ARC002 ARC002-001 ARC-FRM-00000001 ARC-FRM-00010400 ARC-FRM-00000698 - ARC-00000982 2.023 10.115 85 2.023 2.00 mm/dd/vyvyv TOTALS FOR THIS VOLUME 3.338 17.067 153 1.750 1.39 mm/dd/vyvyv Market Can be provided on a current production-specific or a cumulative production basis, but the totals per volume must be provided ** This spreadsheet is a sample of format and does not reflect the names/Identification numbers of the sample files provided	TOTALS FOR THIS VOLUME						1.750	8,737	176	1,750	1.39	mm/dd/yyyy
Mahan Freda ARC002 ARC002-001 ARC-FRM-00000001 ARC-FRM-00010400 ARC-FRM-00000698 - ARC-00000982 2.023 10.115 85 2.023 2.00 mm/dd/vyvyv TOTALS FOR THIS VOLUME 3.338 17.067 153 1.750 1.39 mm/dd/vyvyv Market Can be provided on a current production-specific or a cumulative production basis, but the totals per volume must be provided ** This spreadsheet is a sample of format and does not reflect the names/Identification numbers of the sample files provided	Brown Charlene I	ABC002	ABC002-001	ABC-CIB-0000001	ABC-00006952		1.315	6.952	68	1.310	1.02	mm/dd/vvvv
TOTALS FOR THIS VOLUME GRAND TOTALS 5,711 35,340 394 4,121 3.28 * This spreadsheet can be provided on a current production-specific or a cumulative production basis, but the totals per volume must be provided * This spreadsheet is a sample of format and does not reflect the names/Identification numbers of the sample files provided	Mahan Freda	ABC002				ABC-FRM-00000698 - ABC-00000982	2.023	10.115		2.023	2.00	
* This spreadsheet can be provided on a current production-specific or a cumulative production basis, but the totals per <i>volume</i> must be provided ** This spreadsheet is a sample of format and does not reflect the names/Identification numbers of the sample files provided					-		3,338	17.067		1.750	1.39	
* This spreadsheet can be provided on a current production-specific or a cumulative production basis, but the totals per <i>volume</i> must be provided ** This spreadsheet is a sample of format and does not reflect the names/Identification numbers of the sample files provided												
** This spreadsheet is a sample of format and does not reflect the names/Identification numbers of the sample files provided	GRAND TOTALS						5,711	35,340	394	4,121	3.28	
** This spreadsheet is a sample of format and does not reflect the names/Identification numbers of the sample files provided			<u> </u>	<u> </u>								
** This spreadsheet is a sample of format and does not reflect the names/Identification numbers of the sample files provided	* This spreadsheet can be prov	ided on a cu	ırrent produ	ction-specific or a cur	nulative production ba	asis, but the totals per volume must be	provided					
	** This spreadsheet is a sample	e of format	and does not	reflect the names/Ide	entification numbers o	f the sample files provided						